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AUTHOR Howe, Richard D.; Carlton, J. Beth

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#### ABSTRACT

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Average salary increases for 2,444 faculty in the field of computer and information science are reported for 1982-1983 and 1985-1986, as part of the College and University Personnel Association's annual faculty salary studies. Included are comparative data for 108,074 faculty at 174 public colleges and 193 private colleges, representing 41 academic disciplines. In 1982, 107 public and 96 private colleges reported on computer and information science faculty salaries, while 126 public and 129 private colleges reported in 1985. Between 1982 and 1985, average salaries of faculty in this field increased 26.9% at public colleges and 21.1% at private colleges. The average salary for computer and information science faculty was 2% above the average faculty salary in the other 40 disciplines for both public colleges and private colleges. Included is information on: the number of faculty by academic rank, including new assistant professors; salaries by academic rank; the ratio of. average salaries to total average salaries of all public and all private colleges in both years studied; comparisons between the 2 years and with the Consumer Price Index of changes in cost-of-living; and comparisons with 40 other disciplines. The disciplines and participating institutions are listed. (SW)



U.S. DEPARTMENT OF EDUCATION Office of Educational Research and Improvement EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

# SALARY-TREND STUDY OF FACULTY IN COMPUTER AND INFORMATION SCIENCE STIP STUDY OF FACULTY SCIENCE

#### FOR THE YEARS

# 1982-83 AND 1985-86

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Since 1982-83 the College and University Personnel Association (CUPA) in Washington, D.C., in cooperation with Appalachian State University in Boone, North Carolina, has conducted annual national faculty salary studies by discipline and rank each year through 1985-86. Each year two separate studies are conducted, one for public senior colleges and universities which are members of the American Association of State Colleges and Universities (AASCU) in Washington, D.C., and the other for private senior colleges and universities. The list of private institutions is provided by the American Council on Education in Washington, D.C.

Salary data for each study were collected and tabulated for full-time teaching faculty in 41 selected academic disciplines including computer and information science. The disciplines were chosen from among those defined by the Higher Education General Information Study (HEGIS) Taxonomy and by A Classification of Instructional Programs (CIP), 1981. The definition of the discipline/major field of computer and information science in the CIP is as follows:

> A summary of groups of instructional programs that describe the coding, processing, and storage of data through repetitious and highly complex mathematical operations at high speed, and in accordance with strictly defined systems and procedures.

This article presents a summary of the overall average salary increases in the discipline/major field of computer and information science from the "baseline year" of 1982-83 to and including the "trend year" of 1985-86 for both public and private institutions. Of the 227 institutions which participated in

<sup>&</sup>quot;PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

CUPA's PUBLIC (AASCU) study of 1982-83, 174 also participated in 1985-86. Data from those same 174 institutions were used in both the baseline year and the trend year. Of the 299 institutions which participated in CUPA'S PRIVATE study of 1982-83, 193 also participated in 1985-86. Data from those same 193 institutions were used in both the baseline year and the trend year.

In addition to listing the average salaries in computer and information science for both public and private participating institutions by rank, including "new assistant professor," and listing the faculty mix percentage (FAC MIX PCT) and the salary factor, comparisons are made between the two studies for each of the two study years (1982-83 and 1985-86) and with the CPI (Consumer Price Index) of changes in cost-of-living.

The CPI is based on prices of food, clothing, shelter and fuels, transportation, medical care, entertainment, and other goods and services that people buy for day-to-day living. In examining trends in faculty salary it is important to consider any changes in the economy and the CPI yields a more precise representation of "real" salary increases over time.

The salary is based on a nine- or ten-month academic year salary of full-time faculty only. It does not include any faculty members teaching less than 51 percent. Salary for summer academic work, fringe benefits, and perquisites are not included in the salary data. The average salary is based on the study information with the assumption that all employees were full-time. The average salary displayed is an average of all faculty salaries reported for a given rank and discipline.

The "NUM" means the number of faculty members whose salaries were included to compute the average salary.

The "N/IN" means the number of institutions that reported salary data for a given academic rank and discipline/major field.



The FAC MIX PCT is the percentage of faculty in a given discipline/major field who hold a given academic rank. For example, a FAC MIX PCT factor of .29 for associate professor of computer and information science in the 1982-83 public study means that 29 percent of the faculty in that discipline/major field hold the rank of associate professor.

The SALARY FACTOR for a given rank of a given discipline/major field is the ratio of the average salary to the total average salary of all institutions in each of the four studies: PUBLIC 1982-83, PUBLIC 1985-86, PRIVATE 1982-83 and PRIVATE 1985-86. For example, a SALARY FACTOR of 1.10 for assistant professors in the discipline/major field of computer and information science in the 1982-83 public study means that their salaries are 10 percent higher than the average of all assistant professors in all institutions in that study.

NEW ASST PROF is the grouping of assistant professors who were hired for the first time in the fall of the study year (1982-83 or 1985-86). All information for this group was included in the ASST PROF group for reporting purposes. This group is used mainly for new hiring information.

ALL MAJOR FIELDS is the entire data base for all 41 disciplines/major fields in each of the four studies. It is used to compare, among other things, the discipline/major field of computer and information science with the entire data base for each study.

Of particular import to the reader is noting the size of the sample on which each percentage or dollar value is based. The smaller the number in the group, the greater the effect of extreme scores on a descriptive statistic such as the average. It should be noted also that any large disparity in the sample sizes between the "baseline year" of 1982-83 and the "trend year" of 1985-86 will lessen the reliability and validity of any conclusions that one might make based on a simple comparison of averages.



NEW **ASSO** ASST ASST PROF PROF PROF **PROF** INSTRUCTOR ALL RANKS SALARY NUM N/IN PUBLIC, 1982-83: COMPUTER AND INFORMATION SCIENCE AVERAGE SALARY: 32828 103 55 28259 197 82 24082 231 87 23468 51 36 18697 143 63 25496 674 107 FAC MIX PCT: 0.15 0.29 0.34 0.08 0.21 1.00 SALARY FACTOR: 1.01 1.08 1.10 1.10 1.05 0.97 ALL MAJOR FIELDS AVERAGE SALARY: 32388 11542 26256 11188 21826 9574 21240 1268 17727 2833 26376 35137 174 FAC MIX PCT: 0.33 0.32 0.27 0.04 0.08 1.00 PURLIC. 1985-86: COMPUTER AND INFORMATION SCIENCE AVERAGE SALARY: 41351 197 80 35198 277 104 29404 342 108 29760 64 45 23302 171 70 32357 987 126 FAC MIX PCT: 0.20 0.28 0.35 0.06 0.17 1.00 SALARY FACTOR: 1.08 1.13 1.13 1.18 1.12 1.02 ALL MAJOR FIELDS **AVERAGE** SALARY: 38313 14197 31105 12327 26030 10424 25238 1541 20871 2867 31610 39815 174 FAC MIX PCT: 0.36 0.31 0.26 0.04 0.07 1.00 PRIVATE, 1982-83: COMPUTER AND INFORMATION SCIENCE AVERAGE **SALARY: 33995** 40 27 27875 76 44 22578 116 68 21747 28 23 19097 49 37 25029 281 96 FAC MIX PCT: 0.14 0.27 0.41 0.10 0.17 1.00 SALARY FACTOR: 1.04 1.10 1.09 1.07 1.15 0.99 ALL MAJOR FIELDS **AVERAGE** SALARY: 32762 4505 25294 4894 20633 5201 20374 739 16552 1223 25213 15823 193 FAC MIX PCT: 0.28 0.31 0.33 0.05 0.08 1.00 PRIVATE, 1985-86: COMPUTER AND INFORMATION SCIENCE AVERAGE **SALARY: 42288** 65 43 33191 137 61 27953 224 101 27717 48 40 217:50 76 51 30299 502 129 FAC MIX PCT: 0.13 0.27 0.45 0.10 0.15 1.00 SALARY FACTOR: 1.09 1.12 1.15 1.16 1.13 1.02 ALL MAJOR FIELDS AVERAGE SALARY: 38629 5175 29556 5423 24241 5444 23887 843 19277 1257 29850 17299 193 FAC MIX PCT: 0.30 0.31 0.31 0.05 0.07 1.00



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RESULTS OF THE TWO PUBLIC (AASCU) STUDIES, 1982-83 AND 1985-86

In the PUBLIC 1982-83 salary study in the above table, the reader may note that the discipline/major field of computer and information science was reported in 107 of the 174 public (AASCU) institutions. The average salary of the 674 faculty was \$25,496. This average salary was approximately 3 percent (0.97) lower than the average salary of \$26,376 for all 35,137 faculty in ALL MAJOR FIELDS in the 1982-83 public study.

In the PUBLIC 1985-86 salary study in the above table, the discipline/major field of computer and information science was reported in 126 of the same 174 public (AASCU) institutions. The average salary of the 987 faculty was \$32,357. This average salary was approximately 2 percent (1.02) higher than the average salary of \$31,610 for all 39,815 faculty in ALL MAJOR FIELDS in the 1985-86 public study.

The increase in average salaries for all faculty in computer and information science after three years in the public institutions studied was 26.9 percent (\$32,357 minus \$25,496 equals \$6,861). The CPI of increased cost-of-living between October 1982 and October 1985 was 10.7 percent. A more realistic increase, therefore, in average faculty salaries over the three-year time period is 16.2 percent or 5.4 percent each year above the cost-of-living.

The increase in average salaries for all faculty in ALL MAJOR FIELDS after three years in the public institutions studied was 19.8 percent (\$31,610 minus \$26,376 equals \$5,234). In comparison to the discipline/major field of computer and information science (26.9%), therefore, the faculty in ALL MAJOR FIELDS increased their salaries by 7.1 percent (26.9% minus 19.8% equals 7.1%) less than faculty in the discipline/major field of computer and information science.

Since the discipline/major field of computer and information science is one of the "younger" disciplines, the reader may note that the faculty mix



percentage is lower at the professor rank than at the assistant professor rank in the public studies; 0.15 vs. 0.34 (1982-83) respectively; and 0.20 vs. 0.35 (1985-86) respectively. The faculty mix percentage at the ranks of professor and assistant professor in ALL MAJOR FIELDS for both public studies is as follows: 0.33 vs. 0.27 (1982-83) and 0.36 vs. 0.26 (1985-86) respectively. In other words ALL MAJOR FIELDS has a higher percentage of professors and a lower percentage of assistant professors than computer and information science in both public studies.

Finally, the hiring rate of new assistant professor in computer and information science in the public studies is higher than that of ALL MAJOR FIELDS both in 1982-83, 7.6 percent (51/674) vs. 3.6 percent (1,268/35,137) respectively; and in 1985-86, 6.5 percent (64/987) vs. 3.9 percent (1,541/39,815), respectively. In other words the hiring rate in the discipline/major field of computer and information science was more in both public studies. This is expected since computer and information science is a relatively new and innovative field.

#### RESULTS OF THE TWO PRIVATE STUDIES, 1982-83 AND 1985-86

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In the PRIVATE 1982-83 salary study in the above table, the reader may note that the discipline/major field of computer and information science was reported in 96 of the 193 private institutions. The average salary of the 281 faculty was \$25,029. This average salary was approximately 1 percent (0.99) lower than the average salary of \$25,213 for all 15,823 faculty in ALL MAJOR FIELDS in the 1982-83 private study.

In the PRIVATE 1985-86 salary study in the above table, the discipline/major field of computer and information science was reported in 129 of the same 193 private institutions. The average salary of the 502 faculty was \$30,299.



This average salary was approximately 2 percent (1.02) higher than the average salary of \$29,850 for all 17,299 faculty in ALL MAJOR FIELDS in the 1985-86 private study.

The increase in average salaries for all faculty in computer and information science after three years in the private institutions studied was 21.1 percent (\$30,299 minus \$25,029 equals \$5,270). The CPI of increased cost-of-living between October 1982 and October 1985 was 10.7 percent. A more realistic increase, therefore, in average faculty salaries over the three-year time period is 10.4 percent or 3.5 percent each year above the cost-of-living.

The increase in average salaries for all faculty in ALL MAJOR FIELDS after three years in the private institutions studied was 18.4 percent (\$29,850 minus \$25,213 equals \$4,637). In comparison to the discipline/major field of computer and information science (21.1%), therefore, the faculty in ALL MAJOR FIELDS increased their salaries by 2.7% percent (21.1% minus 18.4% equals 2.7%) less than faculty in the discipline/major field of computer and information science.

Since the discipline/major field of computer and information science is one of the "younger" disciplines, the reader may note that the faculty mix percentage is lower at the professor rank than the assistant professor rank in the private studies: 0.14 vs. 0.41 (1982-83) respectively; and 0.13 vs. 0.45 (1985-86) respectively. The faculty mix percentage for ALL MAJOR FIELDS for both private studies is as follows: 0.28 vs. 0.33 (1982-83) respectively; and 0.30 vs. 0.31 (1985-86) respectively. Compared to ALL MAJOR FIELDS, computer and information science has a lower percentage of professors and a much higher percentage of assistant professors in both private studies.

Finally, the reader may note that the hiring rate of new assistant professor in the private studies is greater than that of ALL MAJOR FIELDS both in 1982-83, 10 percent (28/281) vs. 4.7 percent (739/15,823), respectively; and



in 1985-86, 9.6 percent (48/502) vs. 4.9 percent (843/17,299), respectively.

#### CONCLUDING REMARKS

This article presented salary-trend information on the academic discipline/
major field of computer and information science and compared that information
with 40 other academic disciplines/major fields over a period of three years:
the "baseline year" of 1982-83 and the "trend year" of 1985-86. Two studies,
one for public (AASCU) institutions, and the other for private institutions
were conducted for the baseline year and for the trend year—a total of four
studies. A total of 2,444 faculty in the discipline/major field of computer and
information science participated and were included in the overall total of
108,074 faculty in all 41 disciplines/major fields in all four studies. The
same 174 public (AASCU) institutions and the same 193 private institutions in
the United States participated in the baseline year and the trend year.

Although many interpolations and extrapolations of the data may be made, a few of the more important ones are as follows. First, the average faculty salary in the discipline/major field of computer and information science is currently (1985-86) about 2 percent above the overall average faculty salary of the other 40 discipline/major fields in both the public and private studies. In both the public and private studies, the average faculty salary has increased since 1982-83 at approximately the same pace.

Second, the CPI of October 1985, in comparison to the CPI of October 1982, indicates that the faculty in computer and information science in both the public and private institutions, received overall salary increases for three

years above the cost-of-living. Computer and information science average faculty salaries in the public and private institutions were greater than for faculty in ALL MAJOR FIELDS during this same period by about 7 percent and 2.7 percent, respectively.

Third, the discipline/major field of computer and information science is one of the younger disciplines. This is evident in a marked difference between those faculty in the rank of full professor and assistant professor in both the public and private institutions. The rank of assistant professor is "top heavy" in both the public and private institutions. Faculty in ALL MAJOR FIELDS in public institutions are being promoted faster than their colleagues in the private institutions. In computer and information science, the promotion rate appears to be faster in the rank of full professor in the public institutions. However, in the private institutions the hiring rate of new assistant professor is currently (1985-86) 3 percent higher than that for the public institutions.

Now that a rather significant data base on individual faculty member salaries has been developed, it is anticipated that additional salary-trend studies will be effected in computer and information science, and in other disciplines/major fields, on an annual basis.

#### APPENDICES:



Richard D. Howe is the originator and director of the annual CUPA faculty salary studies. He is a professor of leadership and higher education, and history at Appalachian State University, Boone, North Carolina. J. Beth Carlton is a Research Associate in the Office of Equal Opportunity Programs at Appalachian State University.

<sup>1)</sup> OVERALL LIST OF SELECTED DISCIPLINES, page 10

<sup>2)</sup> LIST OF PUBLIC Participating Institutions, page 11

<sup>3)</sup> LIST OF PRIVATE Participating Institutions, page 13

#### APPENDIX A.

#### OVERALL LIST OF SELECTED DISCIPLINES

AGRIBUSINESS AND AGRICULTURAL PRODUCTION

LETTERS

ACCOUNTING

LIBRARY AND ARCHIVAL SCIENCES

ANTHROPOLOGY

LIFE SCIENCES

AREA AND ETHNIC STUDIES

MATHEMATICS

AUDIOLOGY AND SPEECH PATHOLOGY

MUSIC

**BUSINESS & MANAGEMENT** 

MULTI-INTERDISCIPLINARY

BUSINESS ADMINISTRATION AND MANAGEMENT

NURSING

BUSINESS ECONOMICS

PHYSICAL SCIENCES

CHEMISTRY

PHYSICS

COMMUNICATION TECHNOLOGIES

POLITICAL SCIENCE

COMMUNICATIONS

PSYCHOLOGY

COMPUTER & INFORMATION SCIENCES

READING EDUCATION

CURRICULUM AND INSTRUCTION

SECRETARIAL AND RELATED PROGRAMS

DRAMATIC ARTS

SOCIAL SCIENCES

**EDUCATION** 

SOCIOLOGY STUDIES

**EDUCATION ADMINISTRATION** 

SPECIAL EDUCATION

ENGINEERING

STUDENT COUNSELING AND PERSONNEL

SERVICES

FINE ARTS

VISUAL AND PERFORMING ARTS

FOREIGN LANGUAGES

**GEOGRAPHY** 

GEOLOGICAL SCIENCES

TOTAL: 41

**HISTORY** 

HOME ECONOMICS



#### APPENDIX B.

# CUPA Public (AASCU) Faculty Salary Studies: 1982-83 and 1985-86

# Participating Institutions

Alabama State University (AL)

Appalachian State University (NC)

Arkansas State University (AR)

Arkansas Tech University (AR)

Augusta College (GA)

Black Hills State College (SD)

Boise State University (ID)

California State University, Dominguez Hills (CA)

California State University, Hayward (CA)

California State University, Long Beach (CA)

California State University, San Bernadino (CA)

California State University, Stanislaus (CA)

California University of Pennsylvania (PA)

Castleton State College (VI)

Central Connecticut State University (CT)

Central Michigan University (MI)

Central Missouri State University (MO)

Central State University (OK)

Central Washington University (WA)

Chicago State University (IL)

Christopher Newport College (VA)

Clarion University of Pennsylvania (PA)

College of William and Mary (VA)

Columbus College (GA)

Concord College (WV)

Dakota State College (SD)

Delta State University (MS)

East Stroudsburg University (PA)

East Texas State University (TX)

East Texas State University at Texarkana (TX)

Eastern Connecticut State University (CT)

Eastern Illinois University (IL)

Eastern Kentucky University (KY)

Eastern New Mexico University (NM)

Eastern Oregon State College (OR)

Eastern Washington University (WA)

Edinboro University of Pennsylvania (PA)

Fairmont State College (WV)

Fitchburg State College (MA)

Florida International University (FL)

Fort Hays State University (KS)

Francis Marion College (SC)

Frostburg State College (MD)

George Mason University (VA)

Georgia College (GA)

Georgia Southern College (GA)

Georgia Southwestern College (GA)

Glenville State College (WV)

Grand Valley State College (MI)

Harris-Stowe State College (MO)

Idaho State University (ID)

Illinois State University (IL)

Indiana State University (IN)

Jackson State University (MS)

Kennesaw College (GA)

Kent State University (OH)

Kutztown University (PA)

Lake Superior State College (MI)

Lazar University--Beauzont (TK)

Lander College (SC)

Laredo State University (TK)

Lewis-Clark State College (ID)

Longwood College (VA)

Louisiana State University in Shreveport (LA)

Marshall University (WY)

Mary Washington College (VA)

Massachusetts Maritime Academy (MA)

Mayville State College (ND)

McNeese State University (LA)

Memphis State University (IN)

Mesa College (CO)

Metropolitan State College (CO)

Middle Tennessee State University (TN)

Midwestern State University (TX)

Millorsville University (PA)

Morehead State University (KY)

Murray State University (KY)

North Adams State College (MA)

North Carolina Agricultural & Technical

State University (MC)

North Carolina Central University (NC)

Northeast Missouri State University (MO)

Northeastern Illisois University (IL)

Northern Arizona University (AZ)

Northern Illinois University (IL)

Northern Kentucky University (KY)

Northern Michigan University (MI)

Northern State College (SD)

Oakland University (MI)

Old Cominion University (VA)

Oregon Institute of Technology (OR)

Pittsburg State University (KS)

Purdue University at Calumet (IN)

Saginaw Valley State College (MI)



# Participating Institutions (continued):

Salem State College (MA) Salisbury State College (MD) San Diego State University (CA) Savennah State College (GA) Shepherd College (WV) Shippensburg University (PA) Sonoma State University (CA) Southeast Missouri State University (MO) Southeastern Louisiana University (LA) Southern Arkansas University (AR) Southern Connecticut State University (CT) Southern Illinois University at Edwardsville (IL) Southern Oregon State College (OR) Southern Technical Institute (GA) Southwest Missouri State University (MO) Southwest State University (MN) Southwest Texas State University (TX) St. Cloud University (MN) State University College at Brockport (NY) State University College at Geneseo (NY) State University College at Plattsburgh (NY) State University College of Arts & Sciences at Potsdam (NY) State University of New York College at Cortland (NY) Westfield State College (MA) State University of New York College at Fredonia (NY) Tennessee Technological University (TN) Texas A&I University (TX) Texas AMM University at Galveston (TX) Trenton State College (NJ) Troy State University (AL) University of Akron, The (OH) University of Alaska at Anchorage (AK) University of Baltimore (MD) University of Central Arkansas (AR) University of Colorado at Colorado Springs (CO) University of Lowell (MA) University of Maine at Presque Isle (ME) University of Maryland Baltimore County (MD) University of Nebraska at Omaha (NE) University of Nevada, Las Vegas (NV) University of North Alabama (AL) University of North Carolina at Charlotte (NC) University of North Carolina at Greensboro (NC) University of Northern Colorado (CO) University of Northern Iowa (IA) University of Science and Arts of Oklahoma (OK) University of South Alabama (AL) University of South Caroling at Aiken (SC) University of South Caroling at Spartanburg (SC) University of South Florida (FL)

University of Southern Colorado (CO) University of Southern Indiana (IN) University of Tennessee at Chattanooga (IK) University of Tennessee at Martin (Th) University of Texas at Dallas (TX) University of Texas at Tyler (TX) University of Texas of the Permian Basin (II) University of Toledo, The (OH) University of West Florida (FL) University of Wisconsin at Oshkosh (WI) University of Wiscensin--La Crosse (WI) University of Wisconsin--Stevens Point (WI) University of Wisconsin--Stout (WI) University of Wisconsin--Superior (WI) Valdosta State College (GA) Weber State College (UT) West Georgia College (GA) West Liberty State College (WV) West Virginia College of Graduate Studies (WV) West Virginia Institute of Technology (WV) Western Carolina University (NC) Western Illinois University (IL) Western Kentucky University (KY) Western Michigan University (MI) Western Montana College (MT) Western New Mexico University (NM) Western Oregon State College (OR) Western Washington University (WA) Wichita State University (KS) Winston-Salem State University (NC) Youngstown State University (OH)

#### **TOTAL: 174**



#### APPENDIX C.

# CUPA Private (AASCU) Faculty Salary Studies: 1982-83 and 1985-86

# Participating Institutions

Converse College (SC) Adelphi University (NY) Creighton University (NE) Albertus Magnus College (CI) D'Youville College (NY) Alfred University (NY) Dakota Wesleyan University (SD) Allentown College of St. Francis de Sales (PA) Davis and Elkins College (WV) Alma College (MI) Defiance College, The (OH) Alverno College (VI) DePaul University (IL) American Technological University (TK) Dickinson College (PA) American University, The (DC) Doane College (NE) Anna Maria College (MA) Drake University (IA) Aquinas College (MI) Drew University (NJ) Aurora University (IL) Eckerd College (FL) Averett College (VA) Elmira College (MY) Avila College (MO) Ferrum College (VA) Action University (CA) Fontbonne College (MO) Babson College (MA) Fort Wayne Bible College (IN) Baker University (KS) Furnan University (SC) Barnard College (NY) Gallaudet College (DC) Barry University (FL) George Washington University, The (DC) Bellaumine College (KY) Georgetown College (KY) Bennett College (NC) Georgetown University (DC) Bethel College (KS) Georgian Court College (NJ) Bethune-Cookman College (FL) Graceland College (IA) Biola University (CA) Hamilton College (NY) Bishop College (TX) Hamline University (MN) Bloomfield College (NJ) Hampton University (VA) Boston University (MA) Hanover College (IN) Bradley University (IL) Hartwick College (NY) Briar Cliff College (IA) Hastings College (ME) Bridgewater College (VA) Heidelberg College (OH) Bryan College (TN) Holy Family College (PA) Bucknell University (PA) Hood College (MD) Carnegie-Mellon University (PA) Hope College (MI) Catholic University of Puerto Rico (PR) Husson College (ME) Cedar Crest College (PA) Illinois Benedictine College (IL) Codarville College (OH) Immaculata College (PA) Central College (IA) Iona College (NY) Chaminade University of Honolulu (HI) Ithaca College (NY) Clark University (MA) Jacksonville University (FL) Clarkson University (NY) John Carroll University (OH) College Misericordia (PA) Kalamazoo College (MI) College of Mount St. Joseph (OH) Kentucky Wesieyan College (KY) College of Notre Dame (CA) King's College (PA) College of Saint Rose, The (NY) La Roche College (PA) College of St. Scholastica (MN) Lafayette College (PA) College of the Holy Cross (MA) Lakeland College (WI) Columbia College (MO) Lambuth College (IN) Concordia College (MN)



# Participating Institutions (continued):

Tarie University (TI)	Rust College (MS)
Lewis University (IL) Lincoln Memorial University (TN)	Sacred Heart University (CT)
	Saint Joseph Collage (CT)
Linfield College (OR)	Saint Mary's College (MM)
Loyola College (MD) Luther College (IA)	Saint Peter's College (NJ)
	Saint Vincent College (PA)
Lycoming College (PA) Marist College (NY)	Salva ReginaThe Newport College (RI)
	School of the Ozarks, The (HO)
Mars Hill College (NC) Mary Baldwin College (VA)	Seattle Pacific University (WA)
Marygrove College (MI)	Seattle University (WA)
Marymount College (NY)	Seton Hill College (PA)
Marymount Manhattan College (NY)	Siena College (NY)
	Siena Heights College (MI)
Marywolle College (TN) Marywood College (PA)	Simpson College (IA)
McKendree College (IL)	St. Edward's Universety (TX)
_ · · · · · · · · · · · · · · · · · · ·	St. Mary's College of California (CA)
Mercy College of Detroit (MI)	St. Norbert College (WI)
Meredith College (NC)	Suffolk University (MA)
Merrimack College (MA) Midland Lutheran College (NE)	Susquehanna University (PA)
Millikin University (IL)	Thomas College (ME)
Minneapolis College of Art and Design (MR)	Trinity College (VT)
Molloy College (NY)	Trinity University (LA)
Moravian College (PA)	University of Dayton, The (OH)
Morris Brown College (GA)	University of Detroit (MI)
Mount Mary College (WI)	University of Laverne (CA)
Hount Marty College (SD)	University of Miami (FL)
Mount Mercy College (IA)	University of Portland (OR)
Mount St. Mary's College (CA)	University of San Diego (CA)
Mount Vernon College (DC)	University of Scranton (PA)
Nazareth College at Kalamazoo (MI)	University of Tampa (FL)
North Park College (IL)	Ursuline College (OH)
Northwestern College (MN)	Villa Maria College (PA)
Oglethorpe University (GA)	Viterbo College (WI)
Oklahoma Baptist University (OK)	Voorhees College (SC)
Our Lady of the Lake University (TX)	Walsh College (OH)
Park College (MO)	Washington and Jefferson College (PA)
Pepperdine University (CA)	Waynesburg College (PA)
Phillips University (OK)	Wentworth Institute of Technology (MA)
Point Loma Nazarene College (CA)	West Virginia Wesleyan College (WV)
Presbyterian College (SC)	Western Conservative Baptist Seminary (OR)
Princeton Theological Seminary (NJ)	Westmar College (IA)
Principia College (IL)	Whitman College (WA)
Quinnipiac College (CT)	Wilkes College (PA)
Randolph-Macon College (VA)	William Jewell College (MO)
Regis College (CO)	William Penn College (IA)
Regis College (MA)	Wittenburg University (OH)
Rensselaer Polytechnic Institute (NY)	- • • • •
Rice University (TX)	<b>TOTAL: 193</b>
Rider College (NJ)	<del></del>
Rockford College (IL)	
Roosevelt University (IL)	

